

COVID-19 in Youth and Young Adults in Maine

March 12, 2020 - April 4, 2022

Total Number of Confirmed and Probable COVID-19 Cases Among Youth and Young Adults Age < 25:

82,469

Total Number of Confirmed and Probable COVID-19 Cases Among Mainers of All Age Groups:

237,050

Total Number of Cases by Age Group

| | |
|-------|---------|
| 0-4 | 10,026 |
| 5-9 | 15,897 |
| 10-14 | 17,094 |
| 15-19 | 19,035 |
| 20-24 | 20,417 |
| 25+ | 154,581 |

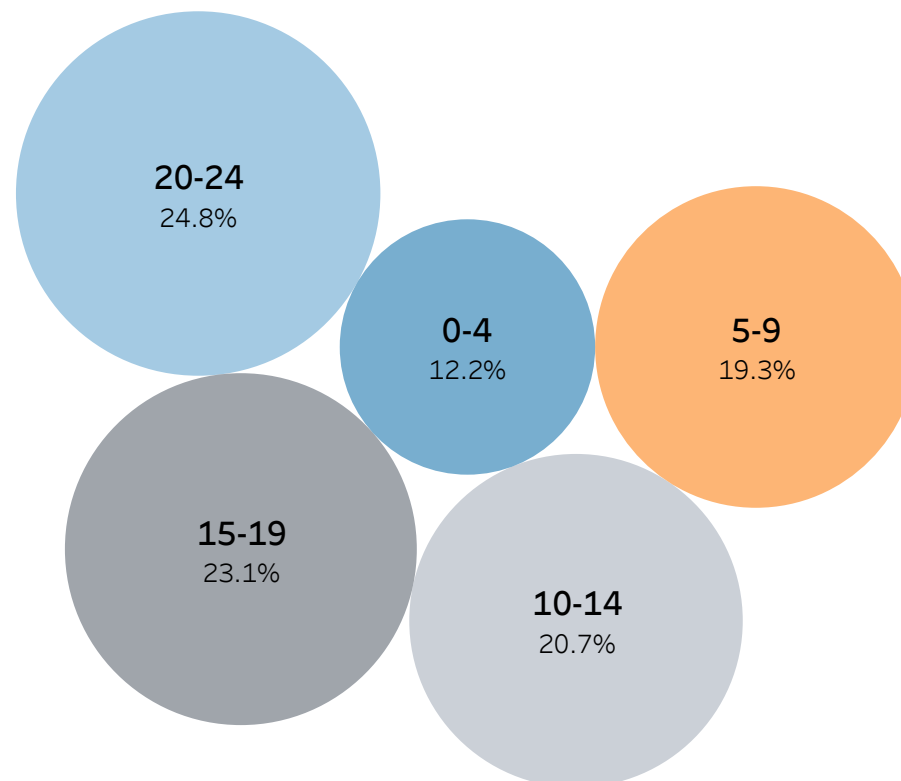
Percent of Total Cases
Age < 25:

34.8%

Percent of Total Cases
Age ≤ 18:

24.5%

Percent of Total Confirmed and Probable Youth Cases by Age Group



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)**

**Data includes positive test results from labs which are supplemented by information collected by case investigators. These are preliminary data that are subject to change.

Caption

Age group and % of Total Count of COVID-19 cases. Color shows details about age group. Size shows % of Total Count of COVID-19 cases. The marks are labeled by age group and % of Total Count of COVID-19 cases. The view is filtered on age group, which excludes 25+.

Hospitalizations in Youth COVID-19 Cases*

March 12, 2020 - April 4, 2022

Cumulative Number of Hospitalizations Under Age 25:

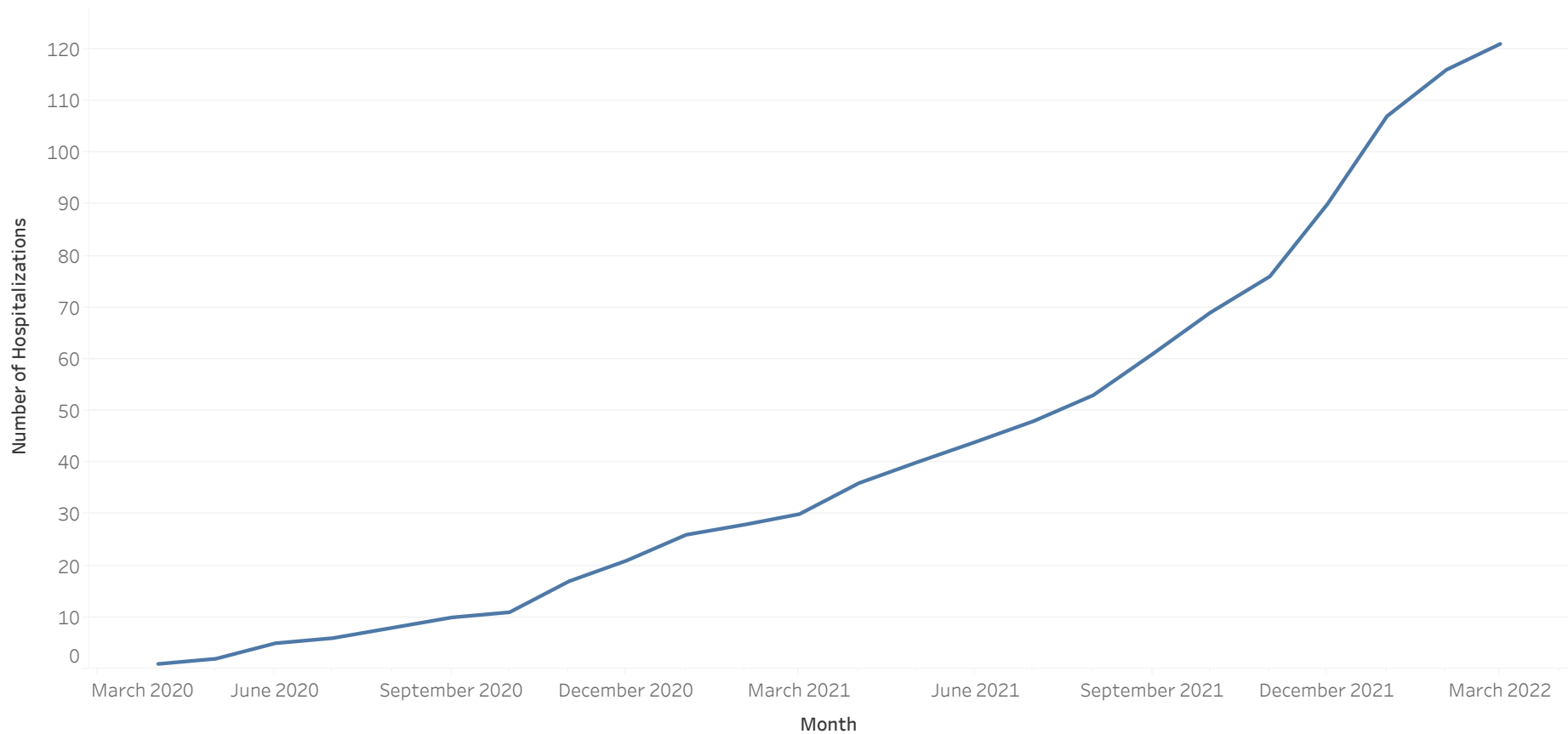
121

Age Breakdown of Hospitalized Youth Cases:

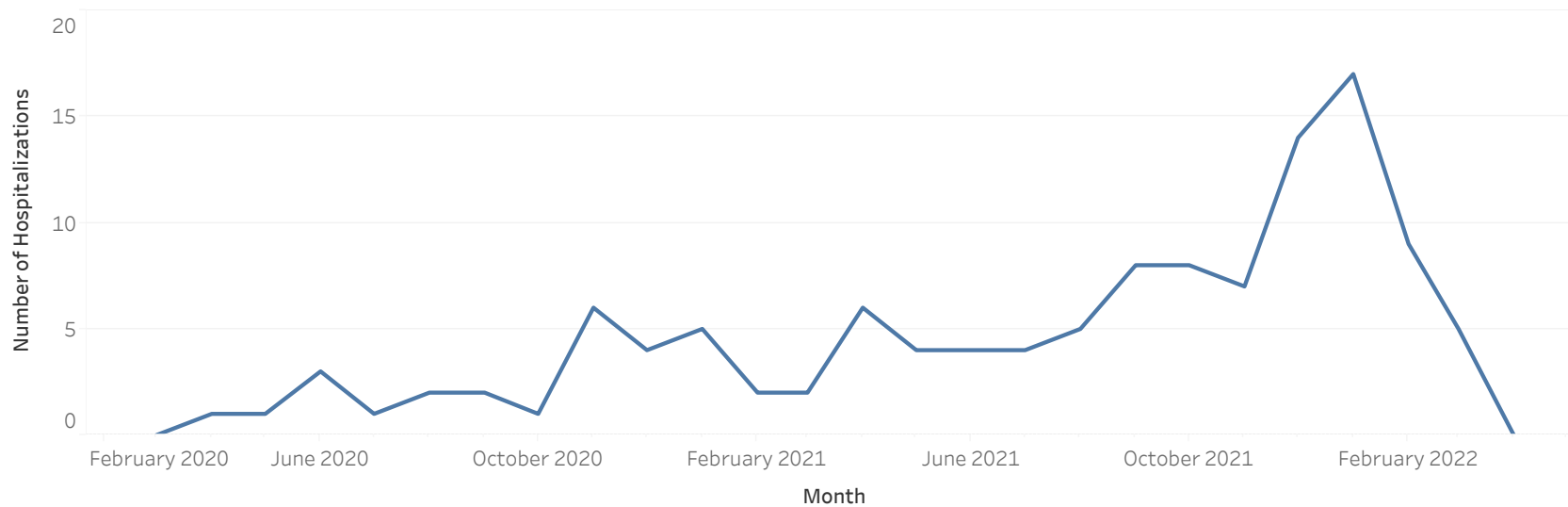
| | |
|-------|-------|
| 0-4 | 39.7% |
| 5-9 | 6.6% |
| 10-14 | 6.6% |
| 15-19 | 19.0% |
| 20-24 | 28.1% |

*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

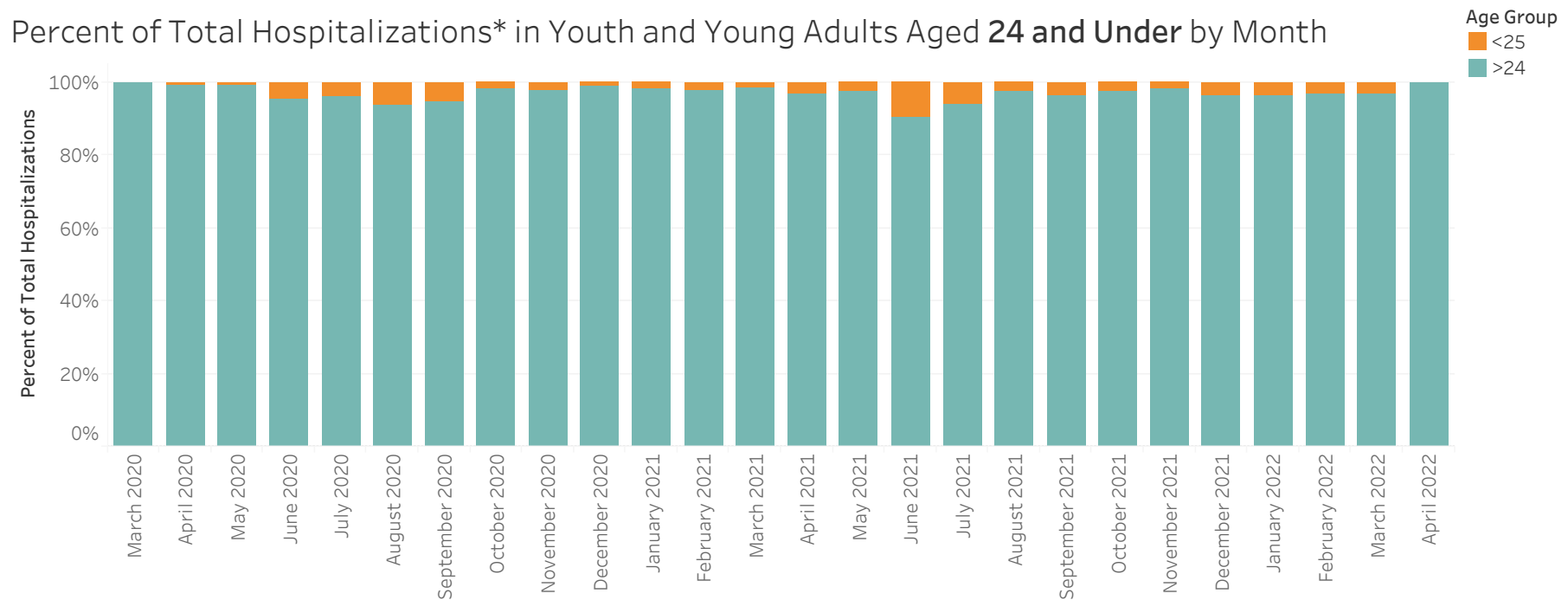
Cumulative Number of Hospitalizations in Youth and Young Adults Aged **24 and Under** Over Time



Number of Hospitalizations* in Youth and Young Adults Aged **24 and Under** by Month

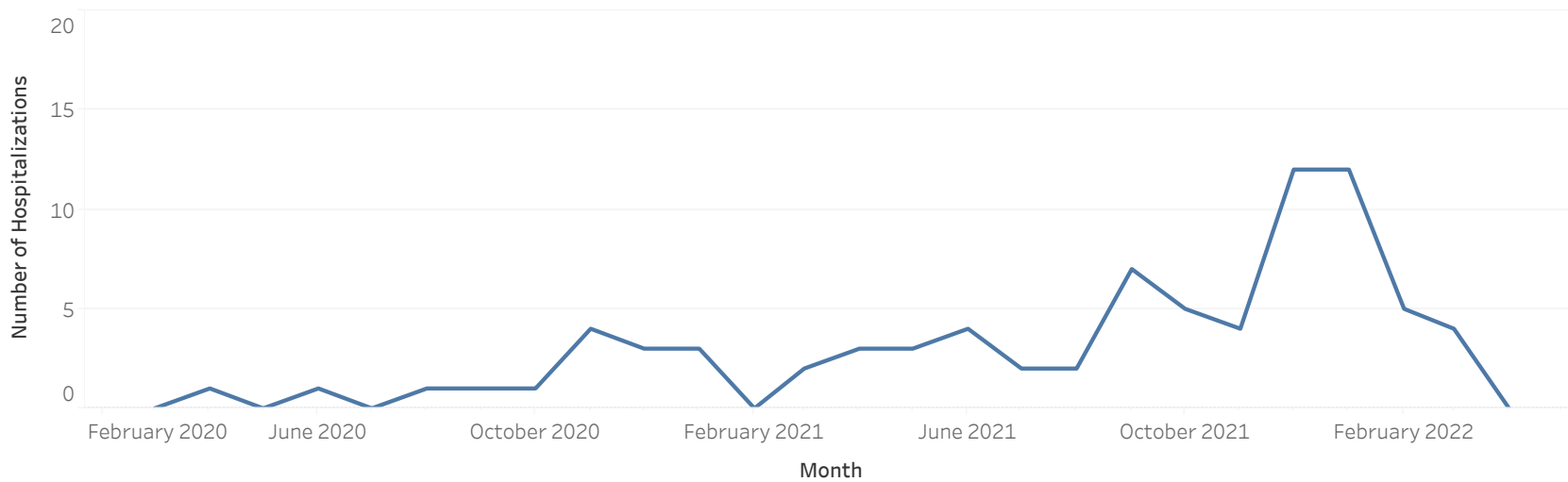


Percent of Total Hospitalizations* in Youth and Young Adults Aged **24 and Under** by Month

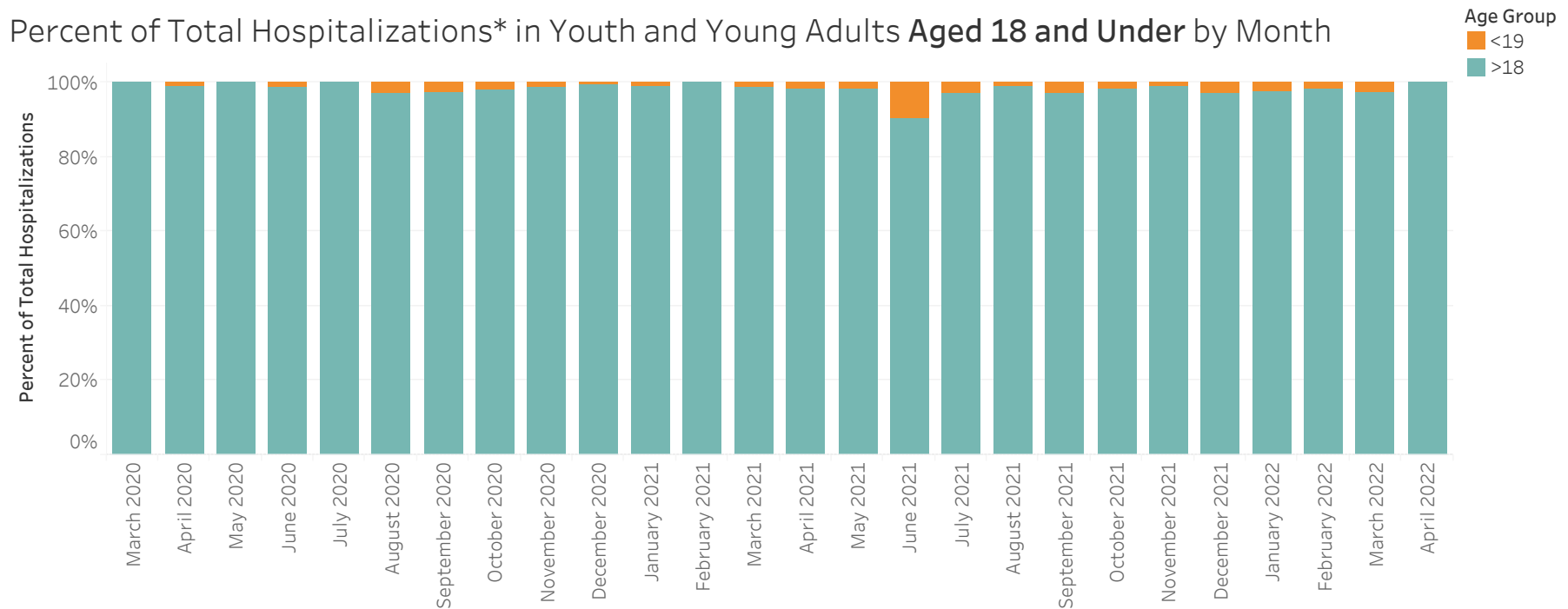


*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Number of Hospitalizations* in Youth and Young Adults Aged **18 and Under** by Month

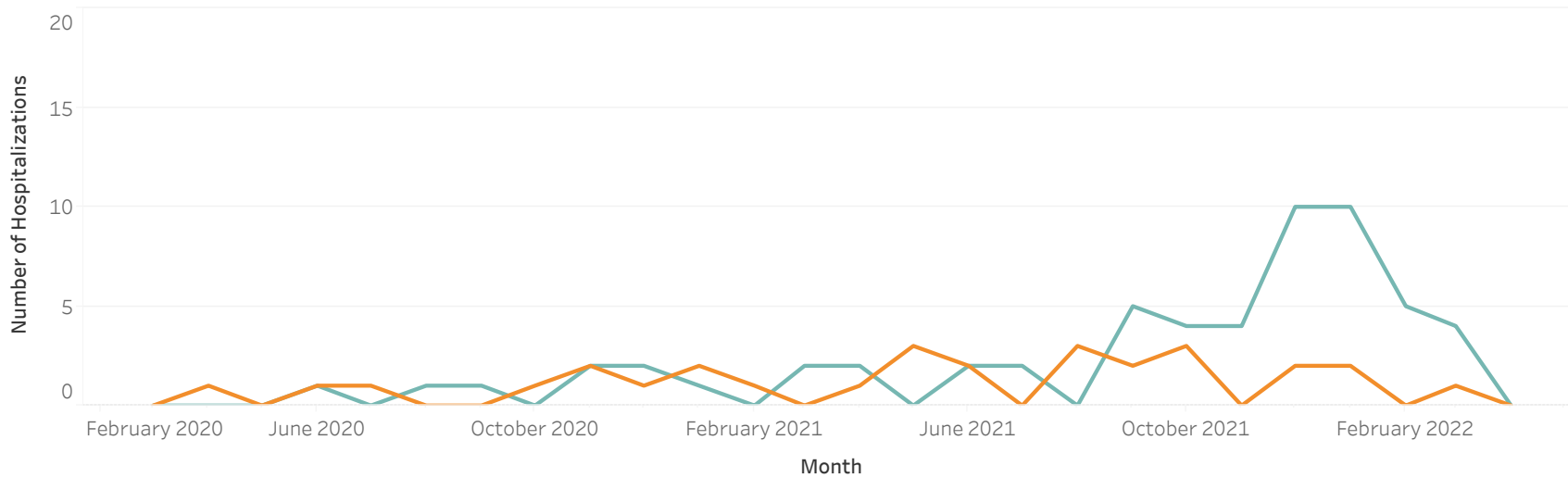


Percent of Total Hospitalizations* in Youth and Young Adults Aged **18 and Under** by Month

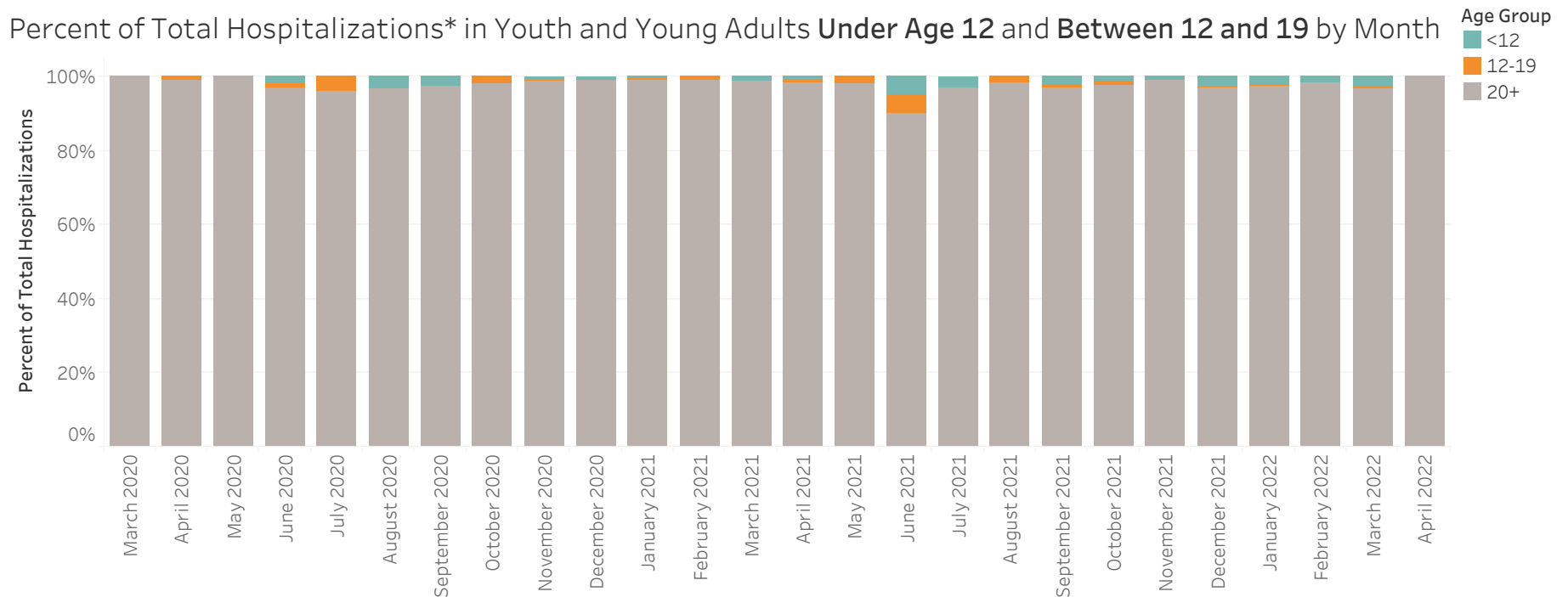


*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Number of Hospitalizations* in Youth and Young Adults **Under Age 12** and **Between 12 and 19** by Month



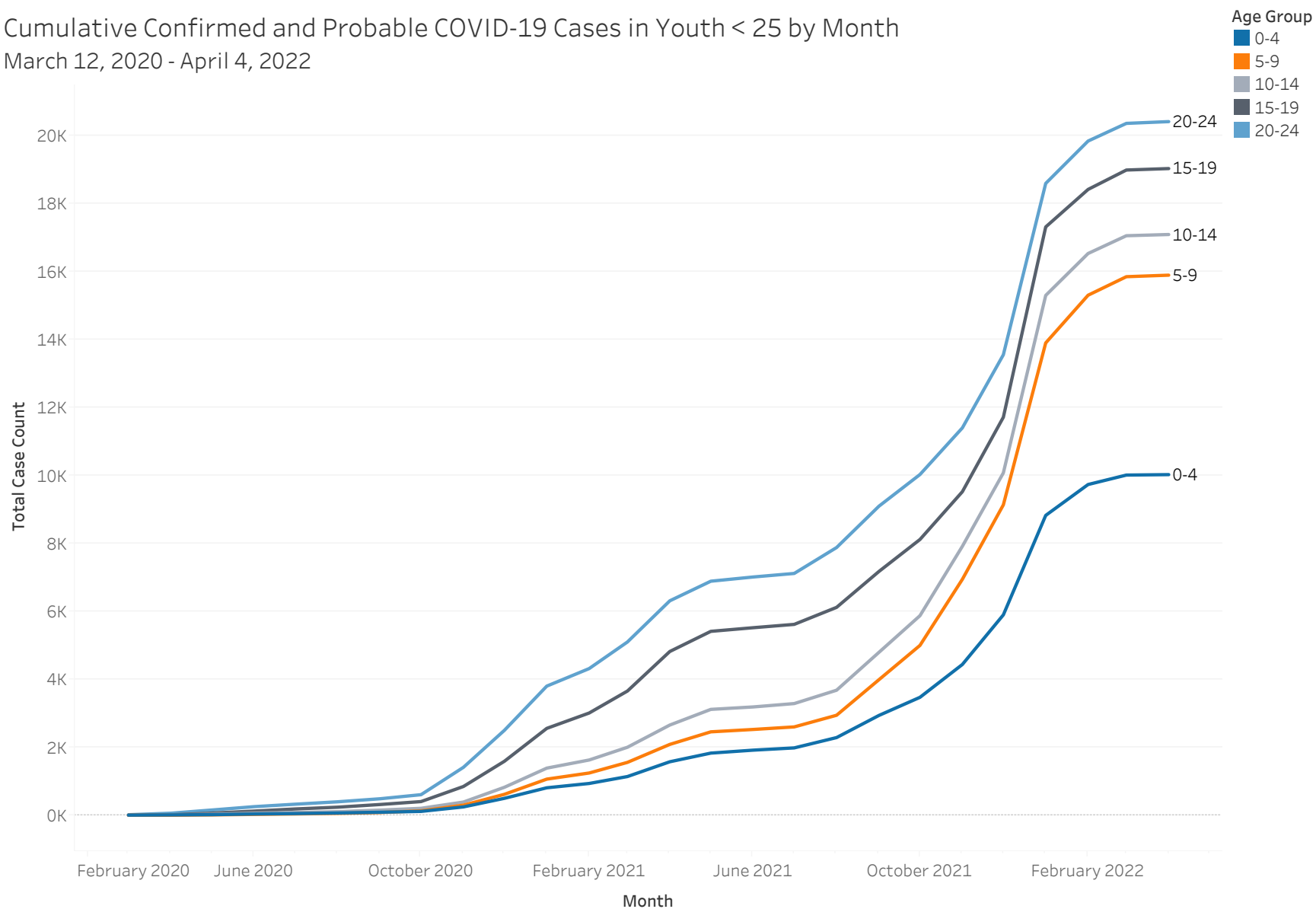
Percent of Total Hospitalizations* in Youth and Young Adults **Under Age 12** and **Between 12 and 19** by Month



*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Cumulative Confirmed and Probable COVID-19 Cases in Youth < 25 by Month

March 12, 2020 - April 4, 2022

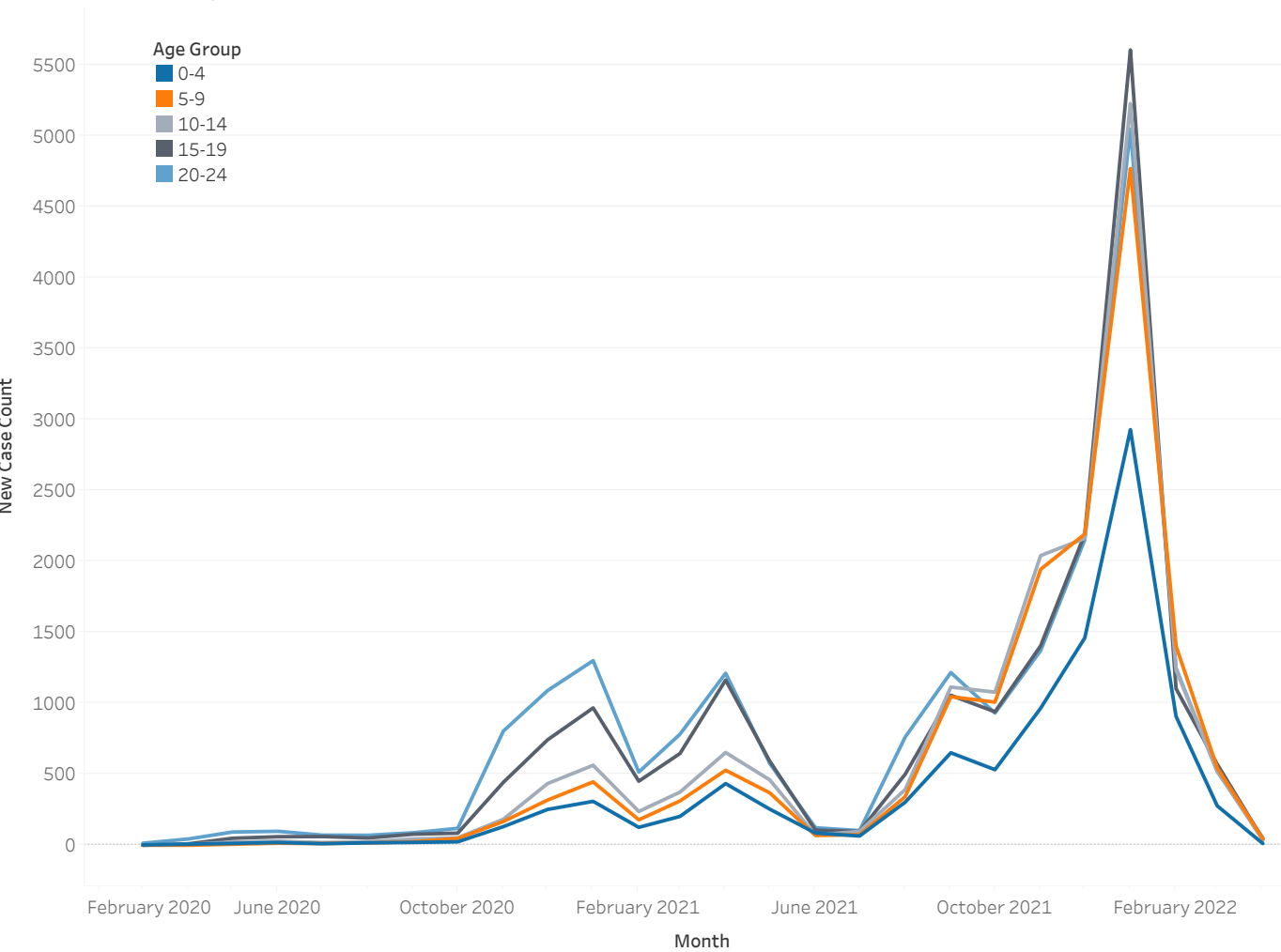


Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
 *These are preliminary data that are subject to change.

Caption

The trend of running sum of COVID-19 cases for date reported (month). Color shows details about age group. The view is filtered on Exclusions (age group 25+).

Number of New Confirmed and Probable COVID-19 Cases Each Month in Youth < 25
March 12, 2020 - April 4, 2022

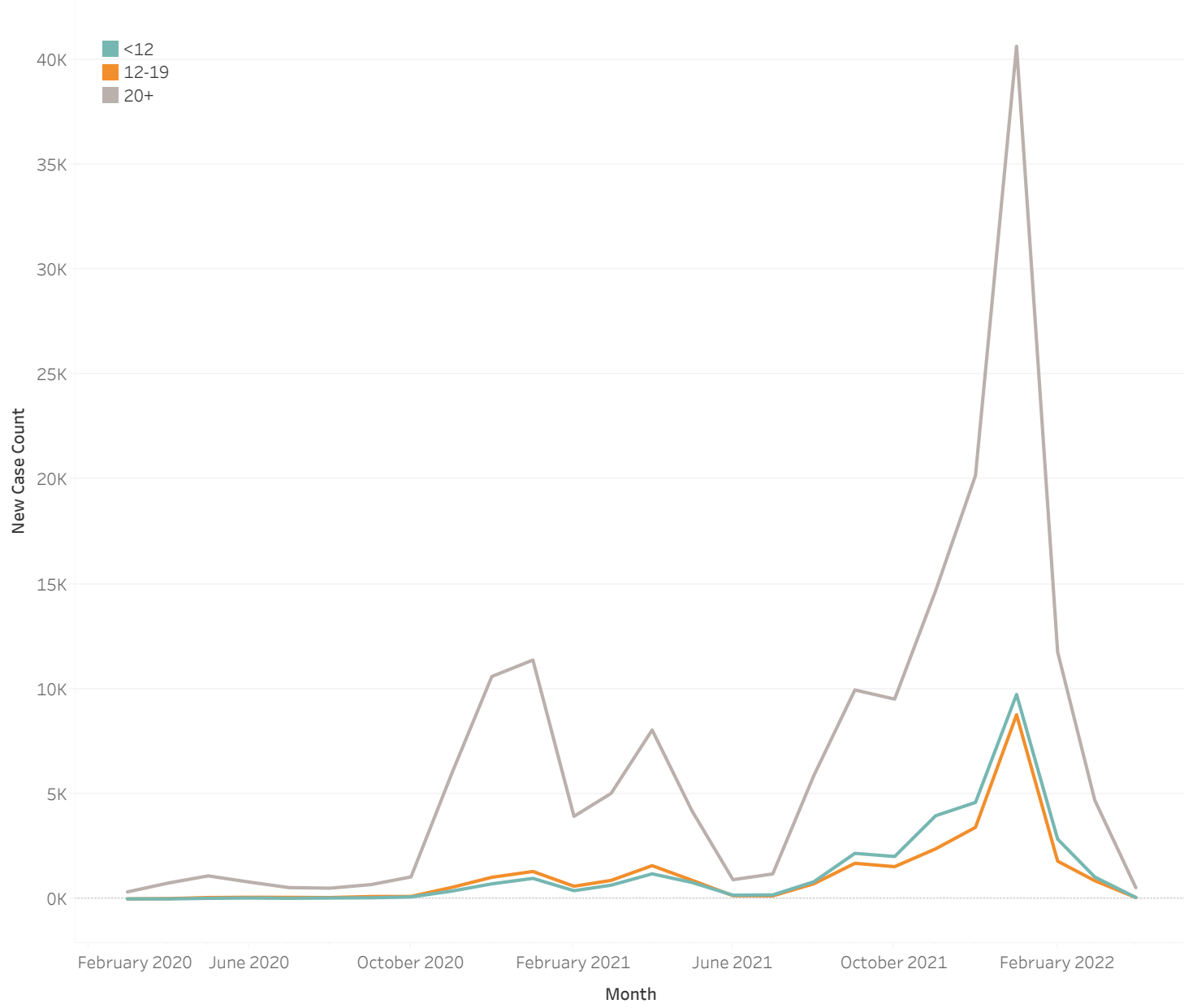


Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Caption
The trend of count of COVID-19 cases for date reported (month). Color shows details about age group. The view is filtered on Exclusions (age group 25+).

| | 0-4 | 5-9 | 10-14 | 15-19 | 20-24 |
|----------------|-------|-------|-------|-------|-------|
| March 2020 | 3 | 1 | 1 | 1 | 15 |
| April 2020 | | 1 | 7 | 11 | 45 |
| May 2020 | 14 | 8 | 23 | 50 | 94 |
| June 2020 | 20 | 15 | 30 | 61 | 99 |
| July 2020 | 12 | 13 | 20 | 62 | 72 |
| August 2020 | 18 | 17 | 25 | 52 | 71 |
| September 2020 | 21 | 25 | 45 | 79 | 89 |
| October 2020 | 25 | 49 | 53 | 86 | 120 |
| November 2020 | 132 | 168 | 184 | 444 | 805 |
| December 2020 | 253 | 319 | 435 | 743 | 1,090 |
| January 2021 | 310 | 447 | 564 | 968 | 1,301 |
| February 2021 | 127 | 180 | 239 | 452 | 516 |
| March 2021 | 204 | 313 | 375 | 647 | 783 |
| April 2021 | 435 | 529 | 654 | 1,164 | 1,212 |
| May 2021 | 255 | 370 | 461 | 593 | 577 |
| June 2021 | 87 | 70 | 72 | 107 | 124 |
| July 2021 | 66 | 75 | 99 | 98 | 104 |
| August 2021 | 304 | 343 | 393 | 501 | 763 |
| September 2021 | 652 | 1,047 | 1,115 | 1,057 | 1,217 |
| October 2021 | 533 | 1,009 | 1,079 | 941 | 932 |
| November 2021 | 966 | 1,944 | 2,041 | 1,405 | 1,372 |
| December 2021 | 1,461 | 2,193 | 2,162 | 2,193 | 2,153 |
| January 2022 | 2,928 | 4,767 | 5,224 | 5,602 | 5,044 |
| February 2022 | 909 | 1,404 | 1,234 | 1,104 | 1,247 |
| March 2022 | 278 | 545 | 523 | 571 | 520 |
| April 2022 | 13 | 45 | 36 | 43 | 52 |

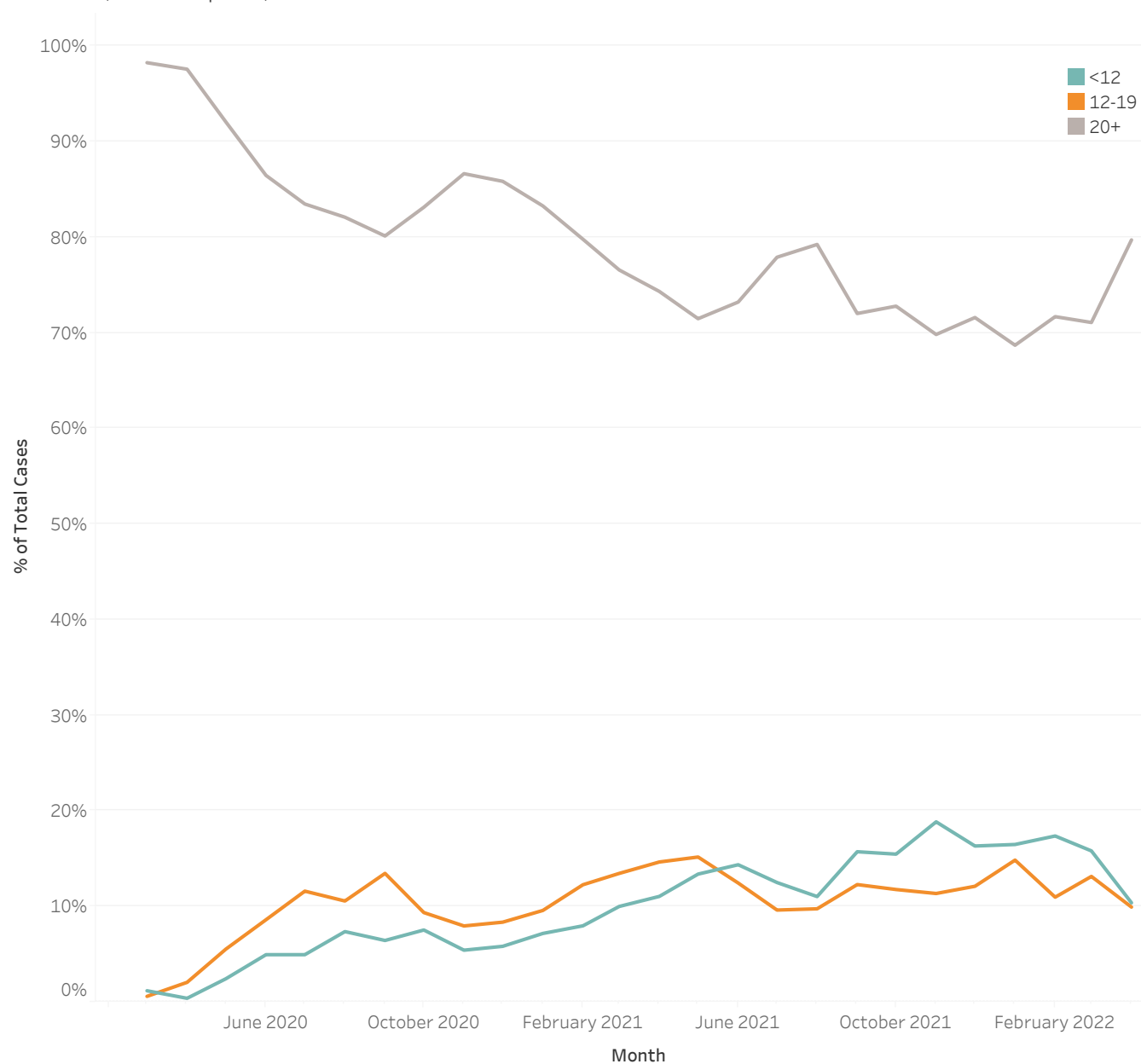
Number of New Confirmed and Probable COVID-19 Cases Each Month in Youth <12
March 12, 2020 - April 4, 2022



| | <12 | 12-19 | 20+ |
|----------------|-------|-------|--------|
| March 2020 | 4 | 2 | 335 |
| April 2020 | 3 | 16 | 760 |
| May 2020 | 29 | 66 | 1,098 |
| June 2020 | 46 | 80 | 804 |
| July 2020 | 32 | 75 | 540 |
| August 2020 | 46 | 66 | 513 |
| September 2020 | 55 | 115 | 685 |
| October 2020 | 95 | 118 | 1,049 |
| November 2020 | 376 | 552 | 6,014 |
| December 2020 | 719 | 1,031 | 10,600 |
| January 2021 | 980 | 1,309 | 11,384 |
| February 2021 | 393 | 605 | 3,936 |
| March 2021 | 656 | 883 | 5,028 |
| April 2021 | 1,196 | 1,586 | 8,051 |
| May 2021 | 787 | 892 | 4,205 |
| June 2021 | 180 | 156 | 918 |
| July 2021 | 191 | 147 | 1,191 |
| August 2021 | 818 | 723 | 5,878 |
| September 2021 | 2,173 | 1,698 | 9,958 |
| October 2021 | 2,023 | 1,539 | 9,522 |
| November 2021 | 3,967 | 2,389 | 14,700 |
| December 2021 | 4,598 | 3,411 | 20,179 |
| January 2022 | 9,744 | 8,777 | 40,632 |
| February 2022 | 2,851 | 1,800 | 11,771 |
| March 2022 | 1,047 | 870 | 4,709 |
| April 2022 | 70 | 67 | 538 |

April 2022 includes data from April 1-4 only.

Percent of Total COVID-19 Cases in Youth <12 by Month
March 12, 2020 - April 4, 2022

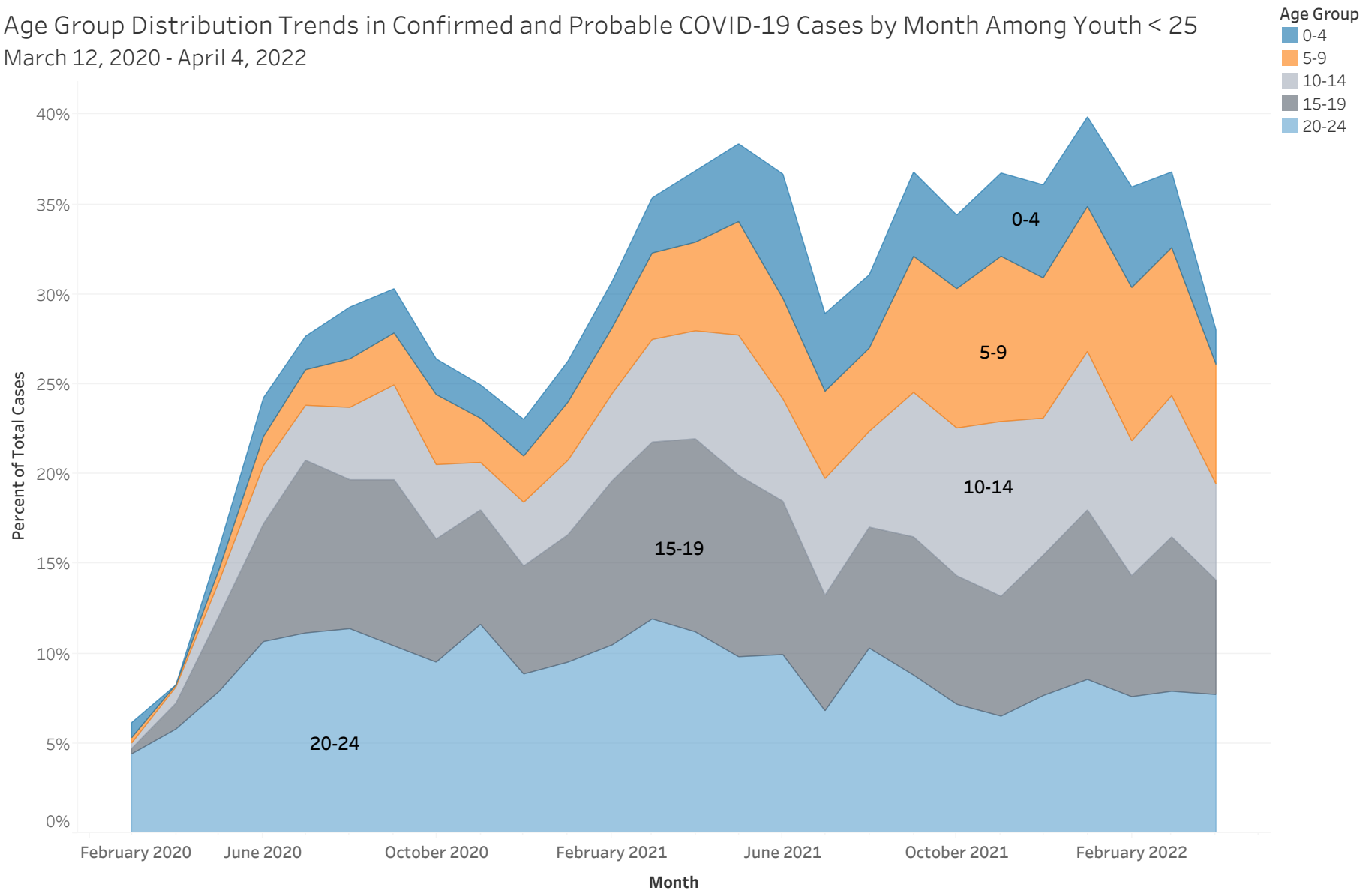


| | <12 | 12-19 | 20+ |
|----------------|--------|--------|--------|
| March 2020 | 1.17% | 0.59% | 98.24% |
| April 2020 | 0.39% | 2.05% | 97.56% |
| May 2020 | 2.43% | 5.53% | 92.04% |
| June 2020 | 4.95% | 8.60% | 86.45% |
| July 2020 | 4.95% | 11.59% | 83.46% |
| August 2020 | 7.36% | 10.56% | 82.08% |
| September 2020 | 6.43% | 13.45% | 80.12% |
| October 2020 | 7.53% | 9.35% | 83.12% |
| November 2020 | 5.42% | 7.95% | 86.63% |
| December 2020 | 5.82% | 8.35% | 85.83% |
| January 2021 | 7.17% | 9.57% | 83.26% |
| February 2021 | 7.97% | 12.26% | 79.77% |
| March 2021 | 9.99% | 13.45% | 76.56% |
| April 2021 | 11.04% | 14.64% | 74.32% |
| May 2021 | 13.38% | 15.16% | 71.46% |
| June 2021 | 14.35% | 12.44% | 73.21% |
| July 2021 | 12.49% | 9.61% | 77.89% |
| August 2021 | 11.03% | 9.75% | 79.23% |
| September 2021 | 15.71% | 12.28% | 72.01% |
| October 2021 | 15.46% | 11.76% | 72.78% |
| November 2021 | 18.84% | 11.35% | 69.81% |
| December 2021 | 16.31% | 12.10% | 71.59% |
| January 2022 | 16.47% | 14.84% | 68.69% |
| February 2022 | 17.36% | 10.96% | 71.68% |
| March 2022 | 15.80% | 13.13% | 71.07% |
| April 2022 | 10.37% | 9.93% | 79.70% |

April 2022 includes data from April 1-4 only.

Age Group Distribution Trends in Confirmed and Probable COVID-19 Cases by Month Among Youth < 25

March 12, 2020 - April 4, 2022



Click on an age group to highlight the corresponding stack on the graph.

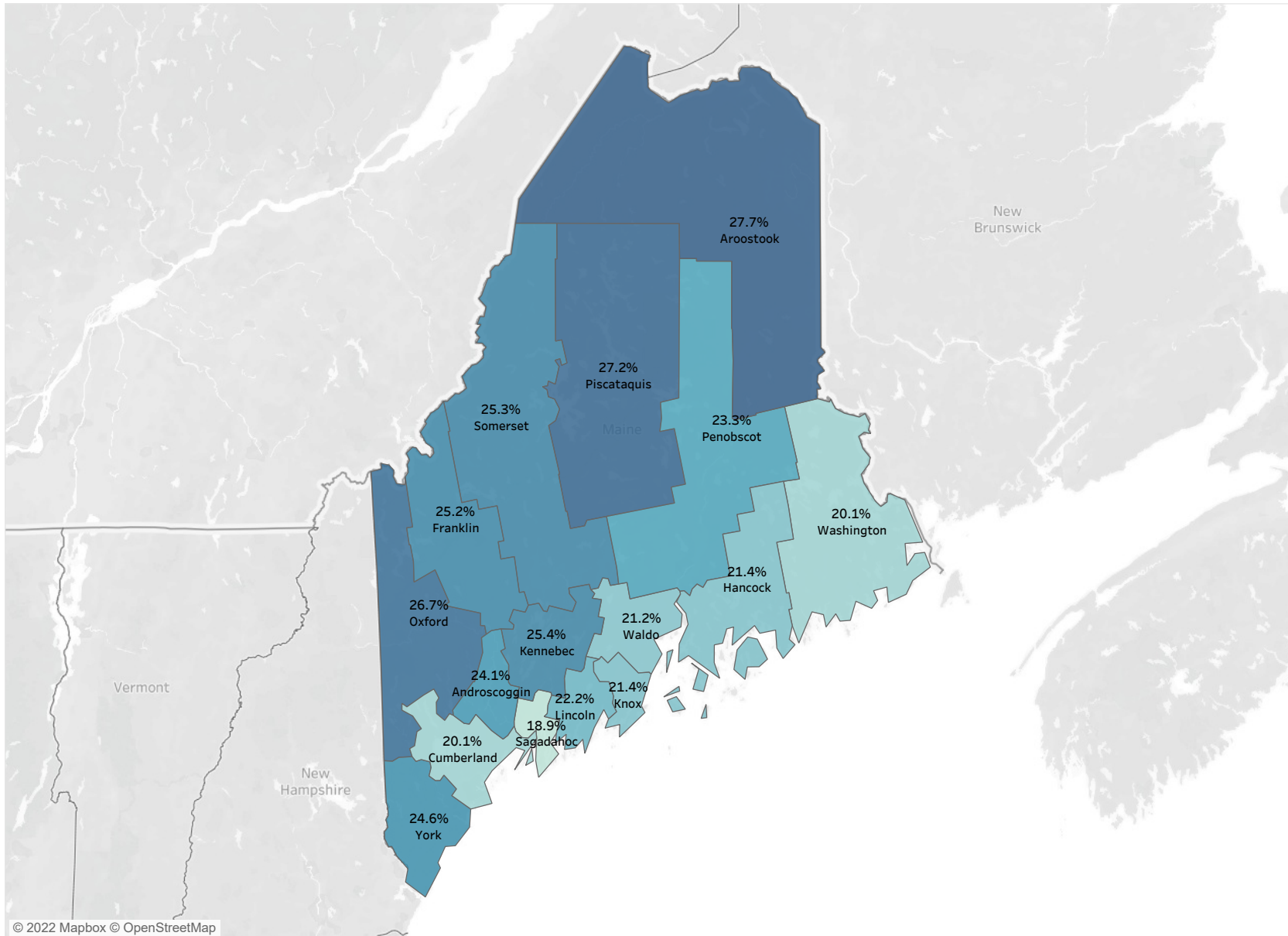
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Caption

The plot of % of Total Count of COVID-19 cases for date reported (month). Color shows details about age group. The data is filtered, hiding age group 25+.

Confirmed and Probable COVID-19 Youth <25 Case Rate by County

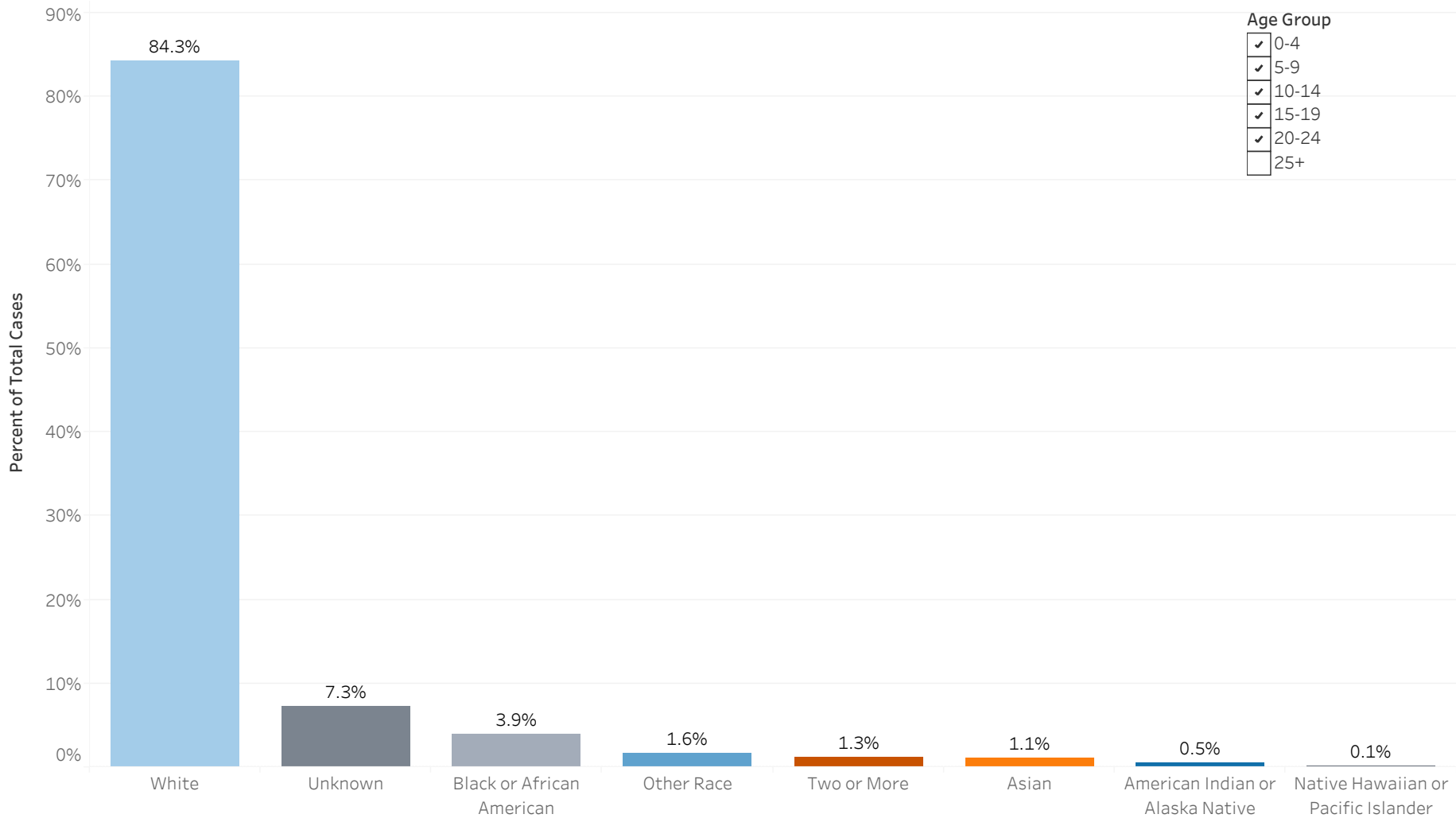
March 12, 2020 - April 4, 2022



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Race and Ethnicity of Confirmed and Probable COVID-19 Cases Among Youth < 25

March 12, 2020 - April 4, 2022



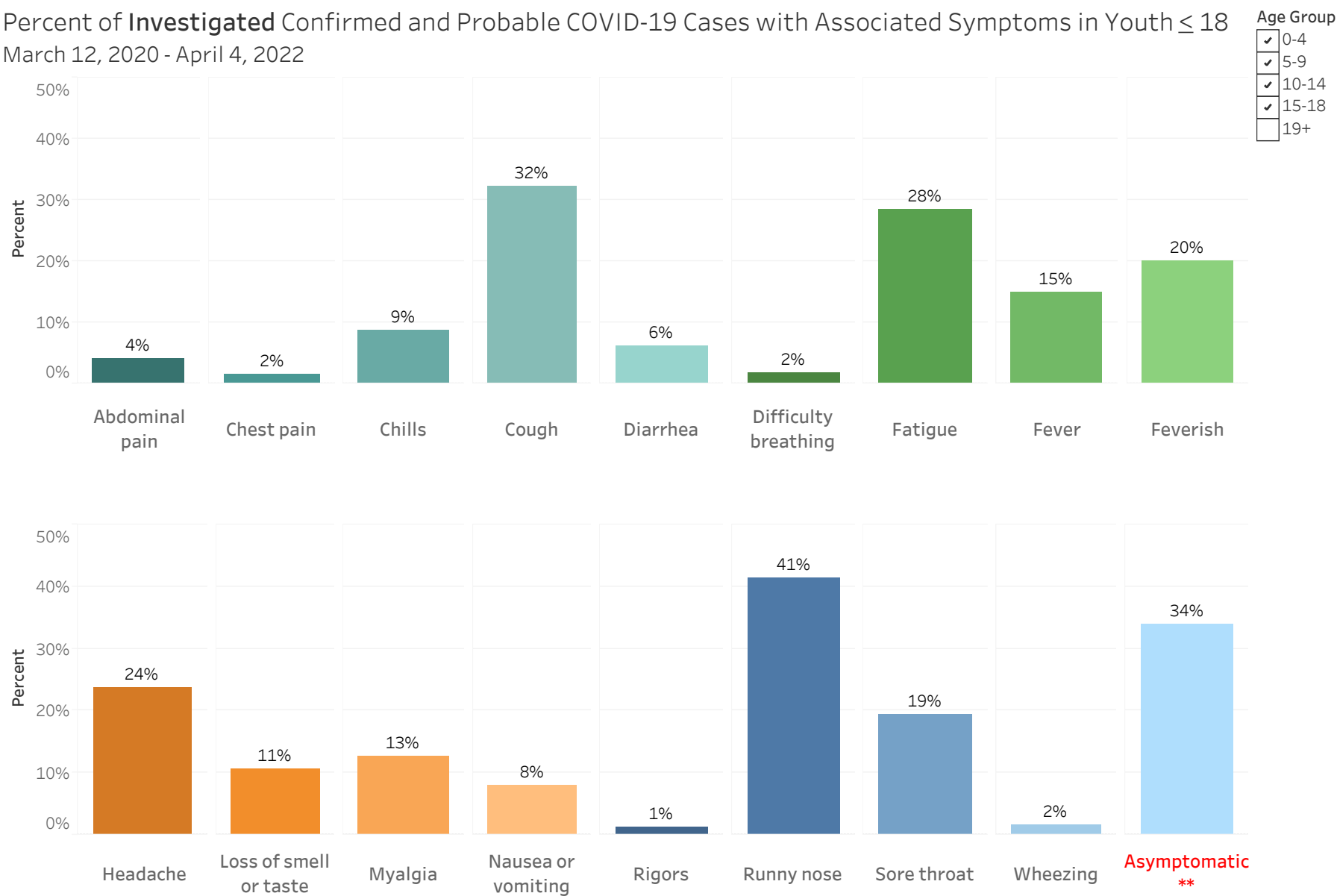
Case counts <6 have been suppressed.
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Caption
% of Total Count of COVID-19 cases for each Race. The marks are labeled by % of Total Count of COVID-19 cases. The data is filtered on Age Group and Suppress. The Age Group filter keeps selected age group. The Suppress filter keeps case counts ≥6.

| Patient Ethnicity Description | |
|-------------------------------|-----|
| Hispanic or Latino | 2% |
| Not Hispanic or Latino | 63% |
| unknown | 35% |

Percent of **Investigated** Confirmed and Probable COVID-19 Cases with Associated Symptoms in Youth ≤ 18

March 12, 2020 - April 4, 2022



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

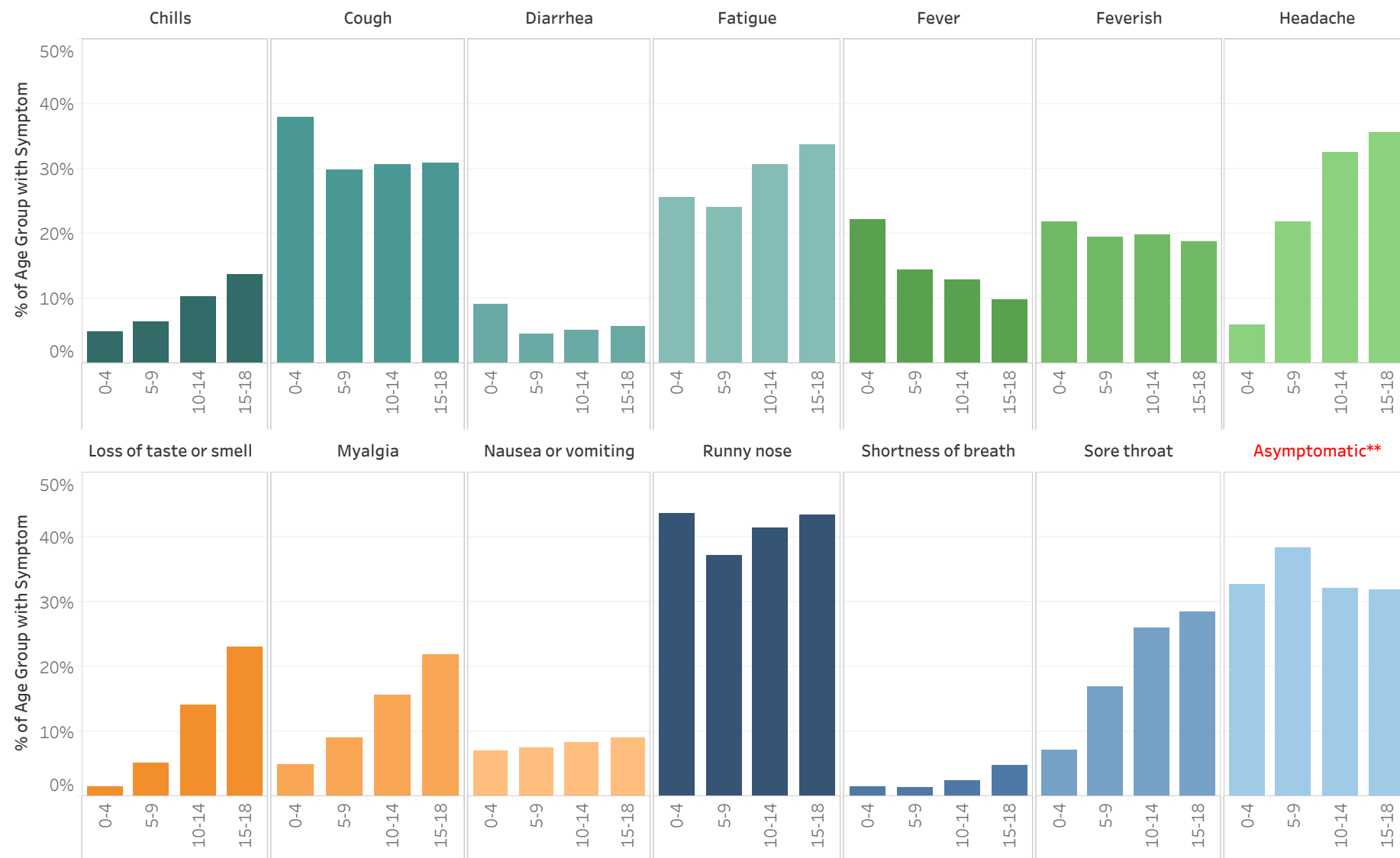
Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

Caption: % of Count of COVID-19 cases for each symptom. The marks are labeled by % of Count of COVID-19 cases who experienced each symptom. The data is filtered on age group. The Age Group filter allows the user to select an age group.

Percent of **Investigated** Confirmed and Probable COVID-19 Cases with Associated Symptoms by Age Group ≤ 18

March 12, 2020 - April 4, 2022



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

Caption: % of Count of COVID-19 cases in each age group for each symptom.

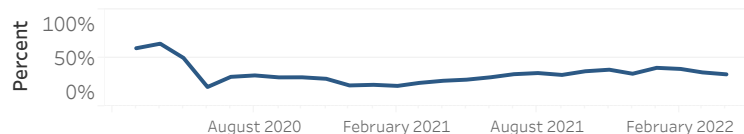
Symptom Trends in Investigated Confirmed and Probable COVID-19 Cases ≤ 18

March 12, 2020 - April 4, 2022

Age Group(s)

- ☒ 0-4
- ☒ 5-9
- ☒ 10-14
- ☒ 15-18
- ☐ 19+

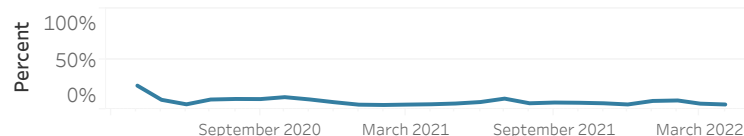
Cough



Myalgia



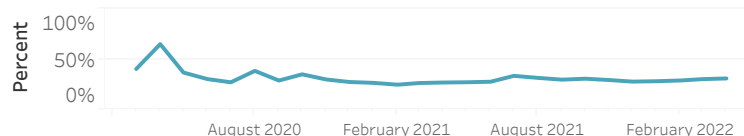
Diarrhea



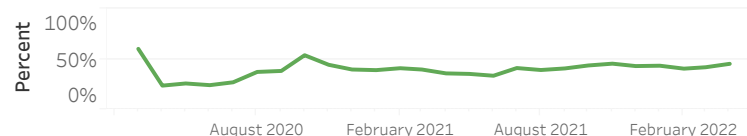
Nausea or Vomiting



Fatigue



Runny Nose



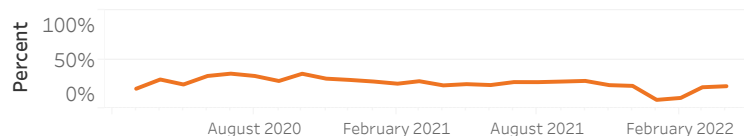
Fever



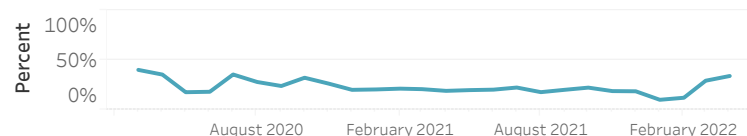
Shortness of Breath



Headache



Sore Throat



Loss of Taste or Smell



Asymptomatic**



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

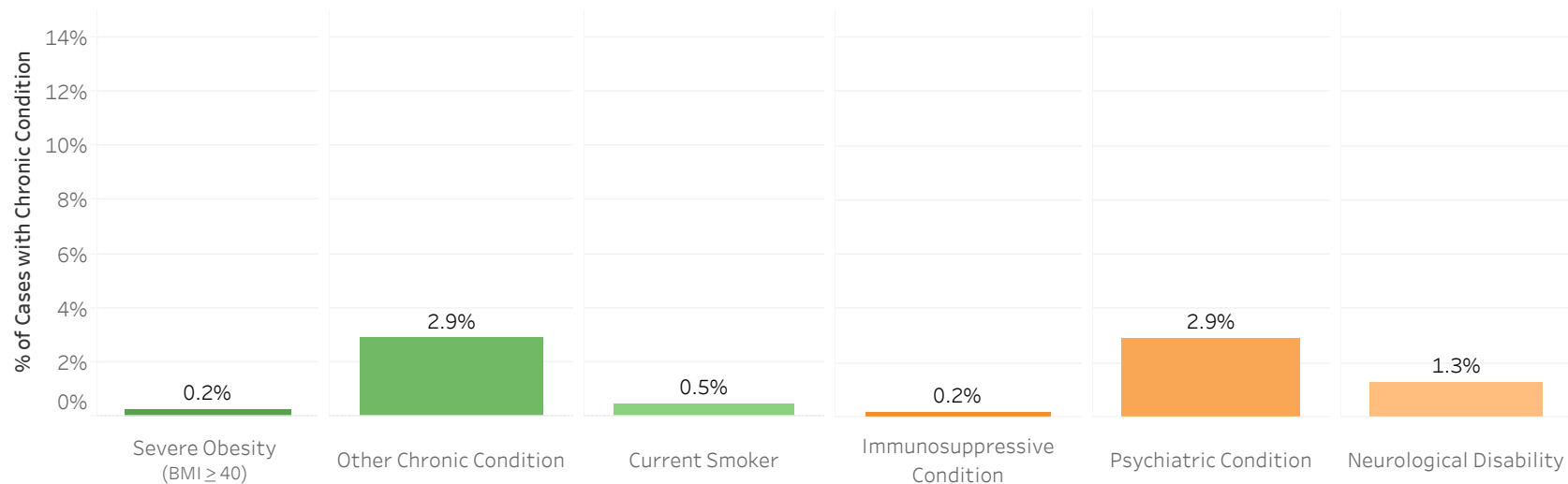
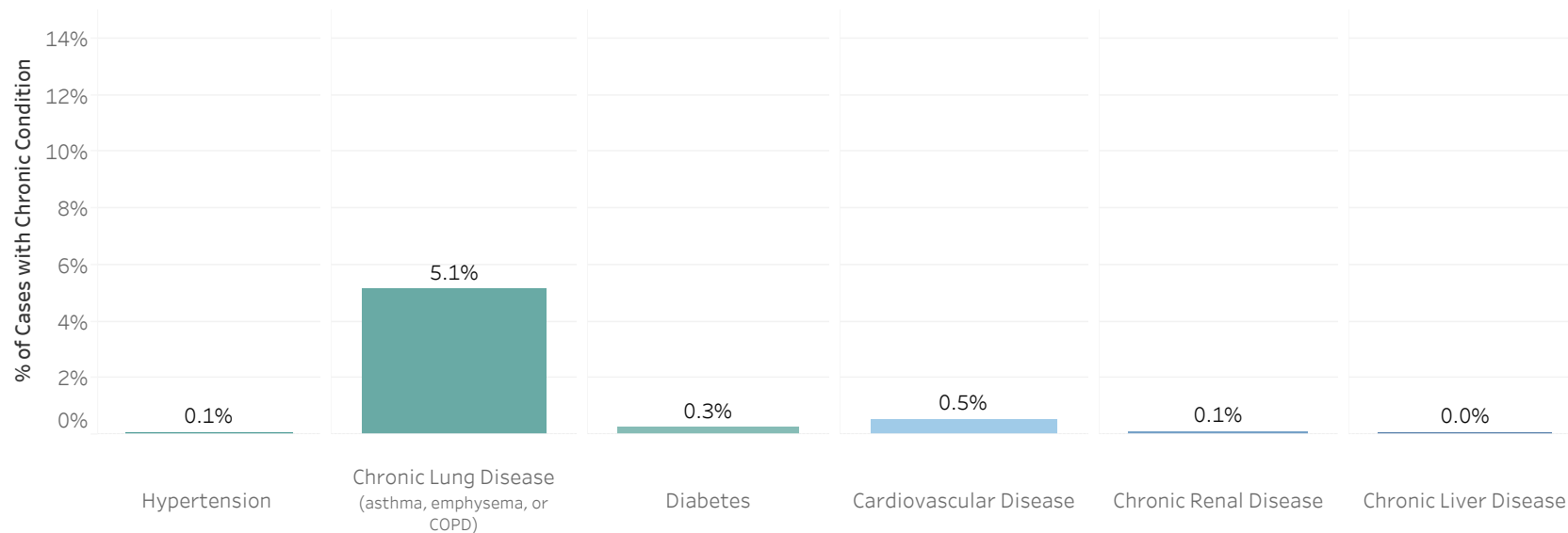
**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

Caption: The trend of % of Count of COVID-19 cases with each symptom for date reported (month).

Percent of **Investigated** Confirmed and Probable COVID-19 Cases ≤ 18 with Selected Chronic Conditions

March 12, 2020 - April 4, 2022

Age Group(s)
☒ 0-9
☒ 10-18
☐ 19+



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)**

**These are preliminary data that are subject to change.

Caption: % of Count of COVID-19 cases for each chronic condition. The marks are labeled by % of Count of COVID-19 cases.